

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF: U.S. Patent No. 7,499,711

USPTO CONFIRMATION CODE: 8353

APPLICATION NO.: 10/609,891

FILED: June 30, 2003

EXAMINER: Meless N. Zewdu

GROUP ART UNIT: 2617

FOR: TRANSMITTER LOCATION FOR ULTRA-WIDEBAND, TRANSMITTED-  
REFERENCE CDMA COMMUNICATION SYSTEM

37 CFR 1.322 & 37 CFR 1.323 REQUEST FOR CERTIFICATE OF CORRECTION  
FOR USPTO AND/OR APPLICANT MISTAKE

HONORABLE COMMISSIONER OF PATENTS & TRADEMARKS

SIR:

The following is a request for a certificate of correction in Serial Number 10/609,891, now Patent Number 7,499,711.

A certificate of correction under 35 USC 254 is respectfully requested in the above-identified patent.

The errors were the fault of both the applicant and USPTO and, accordingly, please charge **\$100.00** to our Deposit Account No. 07-0868. In the event that a further fee is required, please charge the amount to the same Deposit Account.

The exact locations where the errors appear in the patent and patent application are as follows:

In Column 12, Line 30, delete “k” and insert - - k. - -, therefor.  
 (ORIGINALLY FILED SPECIFICATION DATED JUNE 30, 2003, PAGE 20,  
 LINE 7)

In Column 13, Line 66, delete “ $\mathbf{Y}_i$ ” and insert - -  $\tilde{\mathbf{Y}}_i$  - -, therefor.  
 (ORIGINALLY FILED SPECIFICATION DATED JUNE 30, 2003, PAGE 22,  
 LINE 10)

In Column 14, Line 13, delete “ $\mathbf{Y}_i$ ” and insert - -  $\tilde{\mathbf{Y}}_i$  - -, therefor.  
 (ORIGINALLY FILED SPECIFICATION DATED JUNE 30, 2003, PAGE 23,  
 LINE 2)

In Column 15, Lines 61-65, Equation “(21)”, delete “ $\sum_{i=1}^N = \frac{\sigma^2}{R} (I + \mathbf{Q}\mathbf{Q}^T)$ ” and  
 insert - -  $\Sigma_{\tilde{\mathbf{y}}} = \frac{\sigma^2}{R} (\mathbf{I} + \mathbf{Q}\mathbf{Q}^T)$  - -, therefor.  
 (ORIGINALLY FILED SPECIFICATION DATED JUNE 30, 2003, PAGE 25,  
 LINE 6, EQUATION “(21)”)

In Column 17, Line 61, delete “TH/DH-UWB” and insert - - TR/DH-UWB - -,  
 therefor.  
 (ORIGINALLY FILED SPECIFICATION DATED JUNE 30, 2003, PAGE 28,  
 LINE 23)

In Column 18, Line 56, in Claim 4, delete “TR-UWB” and  
 insert - - TR/DH-UWB - -, therefor.  
 (AMENDMENTS TO THE CLAIMS DATED SEPTEMBER 18, 2008, PAGE 2,  
 CLAIM 4, LINE 2)

In Column 19, Line 23, in Claim 12, delete “TD/DH” and insert - - TR/DH - -,  
 therefor.  
 (NOTICE OF ALLOWANCE AND FEES DUE (PTOL-85) DATED OCTOBER  
 28, 2008, UNDER “EXAMINER’S AMENDMENT”, PAGE 3 (PAGE 12 OF  
 FW), LINE 3)

The requested corrections are attached on Form PTO 1050.

Respectfully Submitted,

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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO. : 7,499,711 B2

APPLICATION NO. : 10/609,891

ISSUE DATE : March 3, 2009

INVENTOR(S) : Hooctor, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In Column 12, Line 30, delete “k” and insert - - k. - -, therefor.

In Column 13, Line 66, delete “ $\hat{Y}_i$ ” and insert - -  $\hat{Y}_i$  - -, therefor.

In Column 14, Line 13, delete “ $\hat{Y}_i$ ” and insert - -  $\hat{Y}_i$  - -, therefor.

In Column 15, Lines 61-65, Equation “(21)”, delete “ $\sum_{i=1}^N = \frac{\sigma^2}{R} (I + QQ^T)$ ” and insert - -  
 $\Sigma_{\bar{Y}} = \frac{\sigma^2}{R} (I + QQ^T)$  - -, therefor.

In Column 17, Line 61, delete “TH/DH-UWB” and insert - - TR/DH-UWB - -, therefor.

In Column 18, Line 56, in Claim 4, delete “TR-UWB” and insert - - TR/DH-UWB - -, therefor.

In Column 19, Line 23, in Claim 12, delete “TD/DH” and insert - - TR/DH - -, therefor.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

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This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

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